Contents of Volume 147 · 1999/2000

Ahokas A, Aito M: Role of estradiol in puerperal psychosis 108
Aigner TG → Fernández-Ruiz J
Aito M → Ahokas A
Alvarez-Guerra M, d'Alché-Birée F, Wolf WA, Vargas F, Dib M, Garay RP: 5-HT_3- and 5-HT_{2C}-antagonist properties of cyamemazine: significance for its clinical anxiolytic activity 412
Angersbach D → Leucht S
Annen B → Hemmeter U
Avenoso A → Scordo MG

Badger GJ → Shahan TA
Barbosa-Júnior H → Frussa-Filho R
Beharry S → West R
Bergström KA → Repo E
Bickel WK → Shahan TA
Bischof R → Hemmeter U
Blair RJR, Curran HV: Selective impairment in the recognition of anger induced by diazepam 335
Blank AD → Miczek KA
Bond AJ → Cleare AJ
Booth S → Donny EC
Broadbear JH, Winger G, Woods JH: Glucocorticoid-reinforced responding in the rhesus monkey 46
Burchnell V → Sipos ML
Bush DEA, DeSousa NJ, Vaccarino FJ: Self-administration of intravenous amphetamine: effect of nucleus accumbens CCK_B receptor activation on fixed-ratio responding 331
Butelman ER, Harris TJ, Kreek M-J: Effects of E-2078, a stable dynorphin A (1–8) analog, on sedation and serum prolactin levels in rhesus monkeys 73
Butterworth AR → Little HJ

Cadet JL → Jones HE
Caggiula AR → Donny EC
Caine SB, Negus SS, Mello NK: Method for training operant responding and evaluating cocaine self-administration behavior in mutant mice 22
Caine SB → Miczek KA
Campbell UC, Carroll ME: Reduction of drug self-administration by an alternative non-drug reinforcer in rhesus monkeys: magnitude and temporal effects 418
Caron MG → Jones SR
Carroll ME → Campbell UC
Chambers JW → Fletcher PJ
Changeux J-P → Epping-Jordan MP
Chefer V → Shippenberg TS
Chemin C → Vidailhet P
Cleare AJ, Bond AJ: Experimental evidence that the aggressive effect of tryptophan depletion is mediated via the 5-HT_{1A} receptor 439
Cole J → Little HJ
Cole JC, Littleton JM, Little HJ: Acamprosate, but not naltrexone, inhibits conditioned abstinence behaviour associated with repeated ethanol administration and exposure to a plus-maze 403
Courts S → West R
Crabbe JC → Phillips TJ
Curran HV → Blair RJR
Curran HV → Milani R

Da Cunha C → Frussa-Filho R
Dahl M-L → Scordo MG
Dalvi A, Lucki I: Murine models of depression 14
Dalvi A → Page ME
Danion J-M → Vidailhet P
Dawson D → Lushington K
Del Bel EA, Guimarães FS: Sub-chronic inhibition of nitric-oxide synthesis modifies haloperidol-induced catalepsy and the number of NADPH-diaphorase neurons in mice 356
Denning C → Samson HH
Depoortere R: Combined use of mutant mice and classical pharmacology to characterise receptor functions: the case of dopamine D_2 and D_3 receptors 20
DeSousa NJ → Bush DEA
Detke MJ → Page ME
Dib M → Alvarez-Guerra M
Dielenberg RA → McGregor IS
Donny EC, Caggiula AR, Mielke MM, Booth S, Gharib MA, Hoffman A, Maldovan V, Shupenko C, McCallum SE: Nicotine self-administration in rats on a progressive ratio schedule of reinforcement 135
Doudet D → Fernández-Ruiz J
d'Alché-Birée F → Alvarez-Guerra M

Elden Å → Flaten MA
Eligulashvili V → McCann UD
Epping-Jordan MP, Picciotto MR, Changeux J-P, Pich EM: Assessment of nicotinic acetylcholine receptor subunit contributions to nicotine self-administration in mutant mice 25
Erp AMM van → Miczek KA

Facciolà G → Scordo MG
Fernández-Ruiz J, Doudet D, Aigner TG: Spatial memory improvement by levodopa in parkinsonian MPTP-treated monkeys 104
Flaten MA, Elden Å: Caffeine and prepulse inhibition of the acoustic startle reflex 322
Fletcher PJ, Korth KM, Chambers JW: Selective destruction of brain serotonin neurons by 5,7-dihydroxytryptamine increases responding for a conditioned reward 291
Foradori C → Stock H
Ford K → Stock H
Fowler SC: Microbehavioral methods for measuring the motor and associative effects of dopamine receptor antagonists and related drugs in rodents 8
Fowler SC → Wang G
Froehlich JC → June HL
Frussa-Filho R, Barbosa-Júnior H, Silva RH, Da Cunha C, Mello CF: Naltrexone potentiates the anxiolytic effects of chlordiazepoxide in rats exposed to novel environments 168

Gainetdinov RR → Jones SR
Galbicka G → Sipos ML
Garay RP → Alvarez-Guerra M
Geier A → Mucha RF
Geyer MA: Assessing prepulse inhibition of startle in wild-type and knockout mice 11
Gharib MA → Donny EC
Gold LH: Hierarchical strategy for phenotypic analysis in mice 2
Green KL → Nader MA
Griffiths RR → Jones HE
Griffiths RR → Mintzer MZ
Gronier B, Perry KW, Rasmussen K: Activation of the mesocorticolimbic dopaminergic system by stimulation of muscarinic cholinergic receptors in the ventral tegmental area 347
Gudelsky GA → Shankaran M
Guimarães FS → Del Bel EA

Hackl H-J → Leucht S
Hajek P → West R
Harris TJ → Butelman ER
He M → Shippenberg TS
Hemmeter U, Müller M, Bischof R, Annen B, Holsboer-Trachsler E: Effect of zopiclone and temazepam on sleep EEG parameters, psychomotor and memory functions in healthy elderly volunteers 384
Hen R → Phillips TJ
Herning RI → Jones HE
Higley JD → Vivian JA
Hiltunen J → Repo E
Hoffman A → Donny EC
Holsboer-Trachsler E → Hemmeter U
Hopper JA → Schuh LM

Ichikawa S → Shiozaki S

Johansson I → Scordo MG
Jones HE, Herning RI, Cadet JL, Griffiths RR: Caffeine withdrawal increases cerebral blood flow velocity and alters quantitative electroencephalography (EEG) activity 371
Jones SR, Gainetdinov RR, Caron MG: Application of microdialysis and voltammetry to assess dopamine functions in genetically altered mice: correlation with locomotor activity 30
June HL, McCane SR, Zink RW, Portoghese PS, Li T-K, Froehlich JC: The δ_2-opioid receptor antagonist naltriben reduces motivated responding for ethanol 81

Kantak KM, Riberdy A, Spealman RD: Cocaine-opioid interactions in groups of rats trained to discriminate different doses of cocaine 257
Karhu J → Repo E
Katz JL → Woolverton WL
Kazès M → Vidailhet P
Kennaway DJ → Lushington K
Kirby LG → Page ME
Kitamura S → Shiozaki S
Kline RH → Woolverton WL

Korth KM → Fletcher PJ
Kreek M-J → Butelman ER
Kuczenski R, Segal DS: Dynamic changes in sensitivity occur during the acute response to cocaine and methylphenidate 96
Kuikka JT → Repo E
Kuwana Y → Shiozaki S

Lack L → Lushington K
Lam RW → Shiah I-S
Leucht S, Hackl H-J, Steimer W, Angersbach D, Zimmer R: Effect of adjunctive paroxetine on serum levels and side-effects of tricyclic antidepressants in depressive inpatients 378
Li T-K → June HL
Liang YJ → Vivian JA
Linnoila M → Vivian JA
Little HJ, Butterworth AR, O'Callaghan MJ, Wilson J, Cole J, Watson WP: Low alcohol preference among the "high alcohol preference" C57 strain of mice; preference increased by saline injections 182
Little HJ → Cole JC
Littleton JM → Cole JC
Lorrain DS → Vezina P
Lucki I → Dalvi A
Lucki I → Page ME
Luedtke RR → Nader MA
Lushington K, Dawson D, Kennaway DJ, Lack L: The relationship between 6-sulphatoxymelatonin rhythm phase and age in self-reported good sleeping controls and sleep maintenance insomniacs aged 55–80 years 111

Mach RH → Nader MA
Madden GJ → Shahan TA
Maldonado R → Valjent E
Maldovan V → Donny EC
May S → West R
McCallum SE → Donny EC
McCane SR → June HL
McCann UD, Eligulashvili V, Mertl M, Murphy DL, Ricaurte GA: Altered neuroendocrine and behavioral responses to *m*-chlorophenylpiperazine in 3,4-methylenedioxymethamphetamine (MDMA) users 56
McGregor IS, Dielenberg RA: Differential anxiolytic efficacy of a benzodiazepine on first versus second exposure to a predatory odor in rats 174
McInerney SC → Miczek KA
Mello CF → Frussa-Filho R
Mello NK → Caine SB
Mendel CM → Schuh LM
Mertl M → McCann UD
Miczek KA: Aggressive and social stress responses in genetically modified mice: from horizontal to vertical strategy 17
Miczek KA, Caine SB: Genes, drugs and behavior: polygenic behavioral phenotypes and single gene manipulations 1
Miczek KA, Mutschler NH, Erp AMM van, Blank AD, McInerney SC: *d*-Amphetamine "cue" generalizes to social defeat stress: behavioral sensitization and attenuated accumbens dopamine 190
Mielke MM → Donny EC
Milani R, Curran HV: Effects of a low dose of alcohol on recollective experience of illusory memory 397
Mintzer MZ, Stoller KB, Griffiths RR: A controlled study of flumazenil-precipitated withdrawal in chronic low-dose benzodiazepine users 200
Mucha RF, Geier A, Pauli P: Modulation of craving by cues having differential overlap with pharmacological effect: evidence for cue approach in smokers and social drinkers 306
Müller M → Hemmeter U
Murphy DL → McCann UD
Mutschler NH → Miczek KA

Nader MA, Green KL, Luedtke RR, Mach RH: The effects of benzamide analogues on cocaine self-administration in rhesus monkeys 143
Nakamura J → Shiozaki S
Negus SS → Caine SB
Newman AH → Woolverton WL

O'Callaghan MJ → Little HJ

Page ME, Detke MJ, Dalvi A, Kirby LG, Lucki I: Serotonergic mediation of the effects of fluoxetine, but not desipramine, in the rat forced swimming test 162
Partridge B → Schenk S
Paul IA → Woolverton WL
Pauli P → Mucha RF
Perry KW → Gronier B
Phillips TJ, Hen R, Crabbe JC: Complications associated with genetic background effects in research using knockout mice 5
Picciotto MR → Epping-Jordan MP
Pich EM → Epping-Jordan MP
Pierre PJ → Vezina P
Portoghese PS → June HL

Rasmussen K → Gronier B
Repo E, Kuikka JT, Bergström KA, Karhu J, Hiltunen J, Tiihonen J: Dopamine transporter and D_2-receptor density in late-onset alcoholism 314
Riberdy A → Kantak KM
Ricaurte GA → McCann UD
Rocha BA: Methodology for analyzing the parallel between cocaine psychomotor stimulant and reinforcing effects in mice 27
Rowlett JK → Woolverton WL

Samson HH, Sharpe AL, Denning C: Initiation of ethanol self-administration in the rat using sucrose substitution in a sipper-tube procedure 274
Schenk S, Partridge B: Cocaine-seeking produced by experimenter-administered drug injections: dose-effect relationships in rats 285
Schuh LM, Schuster CR, Hopper JA, Mendel CM: Abuse liability assessment of sibutramine, a novel weight control agent 339
Schuster CR → Schuh LM
Scordo MG, Spina E, Facciolà G, Avenoso A, Johansson I, Dahl M-L: Cytochrome P450 2D6 genotype and steady state plasma levels of risperidone and 9-hydroxyrisperidone 300
Segal DS → Kuczenski R
Seiden LS → Sokolowski JD
Self DW: Comparison of transgenic strategies for behavioral neuroscience studies in rodents 35
Shahan TA, Bickel WK, Madden GJ, Badger GJ: Comparing the reinforcing efficacy of nicotine containing and denicotinized cigarettes: a behavioral economic analysis 210
Shankaran M, Gudelsky GA: A neurotoxic regimen of MDMA suppresses behavioral, thermal and neurochemical responses to subsequent MDMA administration 66
Sharpe AL → Samson HH
Shiah I-S, Yatham LN, Lam RW, Tam EM, Zis AP: Growth hormone response to baclofen in patients with mania: a pilot study 280
Shiozaki S, Ichikawa S, Nakamura J, Kitamura S, Yamada K, Kuwana Y: Actions of adenosine A_{2A} receptor antagonist KW-6002 on drug-induced catalepsy and hypokinesia caused by reserpine or MPTP 90
Shippenberg TS, He M, Chefer V: The use of microdialysis in the mouse: conventional versus quantitative techniques 33
Shupenko C → Donny EC
Silva RH → Frussa-Filho R
Sipos ML, Burchnell V, Galbicka G: Dose-response curves and time-course effects of selected anticholinergics on locomotor activity in rats 250
Sokolowski JD, Seiden LS: The behavioral effects of sertraline, fluoxetine, and paroxetine differ on the differential-reinforcement-of-low-rate 72-second operant schedule in the rat 153
Spealman RD → Kantak KM
Spina E → Scordo MG
Steimer W → Leucht S
Stock H, Foradori C, Ford K, Wilson MA: A lack of tolerance to the anxiolytic effects of diazepam on the plus-maze: comparison of male and female rats 362
Stoller KB → Mintzer MZ

Tam EM → Shiah I-S
Tiihonen J → Repo E

Vaccarino FJ → Bush DEA
Valjent E, Maldonado R: A behavioural model to reveal place preference to Δ9-tetrahydrocannabinol in mice 436
Vargas F → Alvarez-Guerra M
Verhoeff NPLG: Radiotracer imaging of dopaminergic transmission in neuropsychiatric disorders 217
Vezina P, Pierre PJ, Lorrain DS: The effect of previous exposure to amphetamine on drug-induced locomotion and self-administration of a low dose of the drug 125
Vidailhet P, Danion J-M, Chemin C, Kazès M: Lorazepam impairs both visual and auditory perceptual priming 266

Vivian JA, Liang YJ, Higley JD, Linnoila M, Woods JH: Oral self-administration of ethanol, phencyclidine, methadone, pentobarbital and quinine in rhesus monkeys 113

Wang G, Fowler SC: Effects of haloperidol and clozapine on tongue dynamics during licking in CD-1, BALB/c and C57BL/6 mice 38
Watson WP → Little HJ
West R, Courts S, Beharry S, May S, Hajek P: Acute effect of glucose tablets on desire to smoke 319
Wilcox KM → Woolverton WL
Wilson J → Little HJ
Wilson MA → Stock H
Winger G → Broadbear JH
Wolf WA → Alvarez-Guerra M
Woods JH → Broadbear JH
Woods JH → Vivian JA
Woolverton WL, Rowlett JK, Wilcox KM, Paul IA, Kline RH, Newman AH, Katz JL: 3′- and 4′-chloro-substituted analogs of benztropine: intravenous self-administration and in vitro radioligand binding studies in rhesus monkeys 426

Yamada K → Shiozaki S
Yatham LN → Shiah I-S
Zimmer R → Leucht S
Zink RW → June HL
Zis AP → Shiah I-S

Acknowledgement to referees 442

Indexed in *Current Contents, Psychological Abstracts, Psyc* INFO, *Index Medicus* and in *EMBASE*

Subject index of Volume 147 · 1999/2000

A10 region 347
Al use potential 339
Acamprosate 403
Accumbens 190
ACTH 46
Activity 250
Adenosine A_{2A} receptor 90
Alcohol 182, 306, 397
Alcohol self-administration 81
Alcoholism 314
Alternative reinforcer 418
Amphetamine 96, 125, 190, 291, 331
Antagonist 90, 200
Anticholinergic drug 250
Antidepressant 153
Antipsychotic 38
Anxiety 56, 168, 174, 190, 403, 412
Appetitive-consummatory 274
Arousal 306, 322
Auditory priming 266
Baclofen 280
BALB/c 38
Barbiturates 113
Behavior 66
Behavioral economics 210, 418
Behavioral screen 153
Benzodiazepine 200, 266, 362
Bipolar disorder 280
C57 strain 182
C57BL/6 38
Caffeine 90, 322, 371
Cat odor 174
Catalepsy 90, 356
CCK_B antagonist 182
CCK_B receptor 331
CD-1 38
Cerebral blood flow velocity 371
Chlordiazepoxide 168
Cholecystokinin 331
Cigarette 319
L-NOARG 356
Clozapine 38
Cocaine 96, 190, 257, 285, 426
Cognitive psychomotor performance 384
Compensatory 306
Conditioned reinforcement 210
Conditioned reward 291
Conditioning 306, 403
Cortisol 46, 56
Craving 306, 319
CS-US overlap 306
Cue 306
Cyamemazine 412
CYP2D6 genotype 300
Cytochrome P4502D6 378
D_3 receptor antagonist 143
d-Amphetamine 339
Defeat 190
De-nicotinized cigarette 210
Depression 153, 162, 378
Desipramine 162
Dexamethasone 46
Diazepam 335
5,7-dihydroxytryptamine 291
L-Dopa 90
Dopamine 96, 104, 190, 217, 322, 331, 356, 426
Dopamine transporter 314
Dose-response 250
Drinking 182
Drug abuse 285, 426
Drug discrimination 190, 257
Drug interaction 378
Drug self-administration 125, 418
Dynorphin 73
E-2078 73
EEG 371
Elasticity 418
Elderly subjects 384
Elevated plus maze 168
Emotion 335
Emotional expression 335
[^{123}I]Epidepride 314
Estradiol measurement 108
Estrogen 108
Ethanol 113, 274, 403
Explicit memory 266
Extinction 135
False recognition 397
Fixed-interval schedule 143
Flumazenil 200
Fluoxetine 162
Forced swimming test 162
GABA 280
GABA-A/BDZ receptor 384
$GABA_B$ receptor 280
Gender difference 362
Generalization 190
Genetic polymorphism 300
Glucocorticoid 46
Glucose 319
Growth hormone 280
Haloperidol 38, 356
5-HT_{2C}-receptor 412
5-HT_3-receptor 412
Human 200, 266, 339, 371
Hydrocortisone 46
9-Hydroxyrisperidone 300
Hyperthermia 66
Hypolocomotion 90
Illusory memory 397
Incentive 306
Individual difference 113, 190
Initiation 274
Learning 174
Levodopa 104
Lick force 38
Lick rhythm 38
Licking 38
Locomotion 250
Locomotor activity 125
Lorazepam 266
Macaca mulatta 73
Magnitude 418
Mania 280
MDMA 66
Mechanism 306
Memory 104, 266, 384
Mesocorticolimbic dopaminergic system 347
Methylphenidate 96
Methylprednisolone 46
Microdialysis 96, 347
Midazolam 174
Monoamine transport 426
Mood 56
Morphine 257
Motivation 291, 306
Mouse 436
MPTP 90, 104
Muscarinic receptor 347
NADPH-diaphorase 356
Naloxone 81

Naltrexone 73, 168, 403
Naltriben 81
Neurotoxicity 56, 66
Nicotine 135, 210, 319
Nitric oxide 356
NMDA 113
Non-response 378
Novelty 168
Nucleus accumbens 291
Operant responding 81
Opiates 113
Opioid antagonist 81
κ-opioid receptor 73
Parkinson's disease 90, 104
Paroxetine 378
PCP 418
[^{123}I]PE2I 314
PET 217
Phobia 174
Physical dependence 200, 371
Place preference 436
Plus-maze 362, 403
Polysomnography 384
Postpartum 108
Precipitated withdrawal 200
Predator 174
Predisposition 125
Pre-exposure 125
Preferences 113
Prepulse inhibition 322
Progressive ratio 135, 210
Prolactin 56, 73
Psychosis 108
Quinine 113
Rat 250, 274
κ Receptor 257
μ Receptor 257
Receptor 217
Recollective experience 397
Reinforcement 135, 331
Reinforcer efficacy 210
Relapse 285, 306
REM density 384
Reserpine 90
Reward 436
Rhesus monkey 46, 143, 418, 426
Risperidone 300
Rodent 81, 135
Saccharin 418
Schedule controlled responding 46
Sedation 73
Self-administration 46, 113, 135, 143, 285, 331, 426
Sensitization 125, 190
Serotonin 56, 66, 162, 291, 412
Serotonin transporter 153
Serum level 378
Sibutramine 339
Smoking 306
SPECT 217, 314
SR 141716A 436
SSRI 153
Startle 322
Steady-state plasma concentration 300
Stereotypy 96
Stimulant 426
Stress 46, 182, 190
Subjective effect 339
Sucrose-substitution 274
Temazepam 384
Δ9-Tetrahydrocannabinol 436
Time-course 250
Tolerance 356, 362
Tongue 38
Training dose 257
Transporter 217
U50,488 257
Unit price 418
Visual priming 266
Withdrawal 306, 371, 403
Zopiclone 384